

## FRESHMAN LEADERS TO ORGANIZE MEN TO BATTLE SOPHS

Success of Field Day Measured  
Partially by Results  
of Mass Action

## GLOVE FIGHT IS POPULAR

Although Team Scores Decide  
Winner Much Prestige  
Goes to Best Fighters

With the approach of Field Day, regular practice of the athletic teams has begun, but no organization of the two classes has come to light as yet. In the past, there has been a great deal of open rivalry, aided and abetted by the officers of the classes, and with election of freshman section leaders today and tomorrow, the season on extra-curricular activities will be declared unofficially opened.

One of the favorite tricks of freshman classes in the past has been to abduct the president of the Sophomore class, and this year will probably be no exception to the rule. Previous to last year, it had been the custom for the Sophomores to hold a banquet on the night preceding Field Day, and this banquet was invariably attacked by the first year men, resulting finally in a parade through the streets of Boston and Cambridge, which added no small amount to the prestige of Technology.

In order to provide a substitute for the demonstrations off the school grounds, a glove fight was inaugurated last year. Any member of the two lower classes is eligible to indulge in this fight, which will be explained in detail in a later issue of THE TECH, but the first year of its existence found the Sophomores heavily outnumbered by their rivals. The freshmen won the glove fight but, since no points are given for this event in compiling the Field Day score, it was rather an unofficial victory for the freshmen.

Let the new men become misinformed as to the nature and purpose of pre-Field Day activities, it  
(Continued on Page four)

## TECHNIQUE ANNUAL SMOKER HELD TODAY

Candidates Will be Given Idea  
of Various Departments

Technique will hold its annual smoker for freshmen who are interested in entering into competition for the 1929 yearbook. The meeting will be held in Room 309 of Walker Memorial at 5:15 o'clock this afternoon. Members of the Technique Board will give the candidates an idea of the functions of the various men on the staff, outlining the type of work of the different departments. The candidates will thus be able to more accurately pick the department for which he is the best suited.

Members of the freshmen class are elected each year to fill the vacancies left on the staff of Technique. The candidates may choose what ever department he desires and at the end of the competition many of the men will be elected on the staff.

Cider and doughnuts will be served during the course of the meeting.

## Voo Doo Makes First Appearance on Friday

Announcement has been made that a change in the publication schedule of "Voo Doo" has necessitated the postponing of the appearance of the first issue from Thursday to Friday of this week. The distribution of free subscriptions by airplane, formerly announced for Tuesday afternoon, has been changed to Thursday. At that time, some half-dozen year's subscriptions will be dropped upon the campus, in addition to one ticket good for a free plane ride over Boston and vicinity.

## Freshmen Too Lax in Observance of Rules

What is the matter with the Class of 1932? Are they all dumb or merely pig-headed? At any rate, it's about time that they got wise to the fact that the Freshman Rules were not passed to give the Institute Committee something to do, but on the contrary, they were passed to enable freshmen to become better acquainted with the Institute and its students, by allowing them to greet an upper-classman or fellow classmate without going through the formalities of an introduction. However, most freshmen ignore the "Hello" rule and when greeted by an upperclassman they either stare at him or give some sort of a grunt. The prize boner of the year was pulled when a Sophomore said "Hello to freshman, only to have the freshman turn around and ask him what he wanted.

## New A. C. Rectifier is Announced by Prof. R. G. Hudson

Device Converts Alternating  
Current Into Direct  
Pulses

Professor Ralph G. Hudson, '07, opened a small tin box on his desk and took out several metal washers and a bolt. "This," he said, "is the rectifier." He demonstrated the assembly by first placing a hollow insulator over the bolt. On this insulator against the head of the bolt he placed a copper washer with copper oxide on one side away from the head. Next the lead washer was put on, then a washer with a lug attached. The rectifier was completed by adding a ring insulator and a tap. When a wire is connected to the bolt and another to the washer with a lug the current can pass in but one direction through the copper oxide thereby converting alternating to pulsating direct current. Professor Hudson said that the Westinghouse Company had spent a great deal of time on the device and that it should prove successful. When the rectifier was returned to its box conversation drifted to discussion of Technology life.

Professor Hudson has made some interesting and valuable observations of students. He says, "that the reason some men fail their courses is that they cannot read the English language. They cannot read comprehensively their texts, their notes or their examinations." Professor Hudson thinks that men should give close intense attention to their reading in the last years of prep school and the first years of college.

## SMOKER WELCOMES NEW MEN AT T.E.N.

Freshmen Have Chance to Work  
on Professional Journal

Tech Engineering News got under way for the season with a smoker in the East Lounge of Walker, last Wednesday afternoon. The smoker was for the benefit of the freshmen. All interested were welcome to come and become acquainted with the magazine, the nature of the work connected with it, and the training and advantages required by service on the staff.

Dean Fuller of the Department of English and History spoke to the gathering, giving a resume of the history of the paper. About twenty-five freshmen were present and plan to enter into the staff competitions. Elections to the various positions are held usually about the second week in December. From now until that time the men have the opportunity to show their ability. Fifteen were taken onto the staff last year, and it is expected that there will be about the same number this year.

Prospects for the year are very good in all of the departments, editorially and financially. The first issue will be out about October 15.

# Annual All-Technology Smoker Will be Held in Walker Memorial Friday

## COMBINED MUSICAL CLUBS MEET TODAY

Everyone Interested in This  
Activity is Urged to  
be Present

One of Technology's major activities, the Musical Clubs, will start the season off in a spirited fashion with a mass meeting for everyone in Room 5-320 this afternoon at 5 o'clock. The object is primarily a call for new men for the coming season to take places on the staff left open by graduations and promotions. Important announcements concerning try-outs and the work of the Clubs for this year will be made so it is urged that all men interested who plan to try out this year will be present. Also all men who were on the Clubs last year as well as freshmen and transfers are expected to attend this mass meeting.

The Musical Clubs consist of the Banjo, Glee, and Instrumental Clubs, and the Technicians. Attractive possibilities and opportunities arising from connection with the Clubs will be emphasized at the meeting. Plans for the year include concerts in many of the girls' schools in this vicinity, and each concert is followed by a dance. The Musical Clubs Christmas Concert is a regular social event of the first term. The Spring concert has always been one of the leading events of Junior Week. In addition, other events such as smokers and Pop Concerts will be given during the year. Gilbert H. Hathaway, the Trip Manager, is making arrangements for a trip for the Clubs this season. Specialty acts will also be given a place on the program this year. These specialty acts do not necessarily have to be musical acts.

For men not interested in any of the other branches of the Musical Clubs, there are opportunities on the management. The management is made up of the Stage, Business, Treasury, and Publicity Departments. Business training is acquired, and acquaintances at the Institute and at neighboring schools are established, it is urged Freshmen and transfers, as well as upper classmen not already allied with other activities, are asked to come and make this mass meeting a real success.

## A. S. M. E. MEETS IN BOSTON THIS WEEK

New England Regional Meeting  
to Discuss Industries

This week in the Hotel Statler, Boston, the American Society of Mechanical Engineers will hold its annual regional meeting. The meetings will be held on October 1, 2, 3, and 4 and will consist of a series of technical sessions and conferences with New England industries as the general topic. There will be meetings in the morning and afternoon and occasional excursions to the various places of interest around Boston of interest to technical men, such as the Ford plant in Somerville, and Edgar Station of the Edison Illuminating Company in Weymouth.

Some of the topics to be discussed are: Aeronautics, with President Samuel W. Stratton of Technology, presiding; Education and Training for Industry, with Professor Miller, head of the Mechanical Engineering Department of Technology, presiding; Power, Railroads, Management, Wood Industries, Materials Handling, Machine Shop Practice, and Applied Mechanics. Many Technology men are expected to attend these conferences.

## "How About Our Coop Dividends, Mr. Cole?"

In calling up the Manager of the Coop to find out the latest dope on the set of answers the Coop is getting out for Drisko's problems in Light and Mechanics for the freshmen a member of the staff came upon the alarming discovery that Mr. Cole's telephone has been disconnected. Our dividends are supposed to come out pretty soon which should cause the expectant recipients to make all sorts of disturbing conjectures about what the manager of the eleemosynary institution across the street has done with their money. Or what he has done to deserve such isolation as is caused by the loss of his telephone.

## THE TECH Mass Meeting Friday Is Well Attended

Members of Managing Board  
Outline Opportunities  
to Students

THE TECH'S mass meeting which was held in the West Lounge of the Walker Memorial on Friday was attended by many freshmen and Sophomores, who were interested in the paper. It is estimated that 30 freshmen attended this meeting and signified their intention of coming out for the different departments of THE TECH.

Lawrence C. Hamlin, '29, General Manager, introduced the speakers after giving a brief resume of the opportunities offered by coming out for an organization such as THE TECH.

Hunter Rouse, '29 Editor, after being presented, explained the functions of the Editorial Department. He stated that this department required more initiative than any other branch of the paper due to the originality that has employed in writing the Editorials and the Lounge.

Managing Editor D. Tullis Houston '30 the next speaker, gave an outline of the functions of the News and Sports Departments. He cited the opportunities which were open to members of the staff, of the number of persons that one would come in  
(Continued on Page four)

## "THEREMIN VOX" TO MAKE BOSTON DEBUT

Prof. Leon Theremin, noted Russian scientist, will give a recital in Symphony Hall, Boston, Sunday afternoon Oct. 7. Prof. Theremin is the inventor of the "ether wave" musical machine which has astounded musical circles. This machine working entirely by electricity, is able to produce all the tones entirely by electricity, is able to produce all the tones of a large orchestra. At this demonstration, his first and only appearance in Boston this season, the Professor will use the "Theremin Vox" machine. At a later date, however, he is planning to employ eight groups of the machines at one time. This would be equivalent to a 40-piece orchestra, and the range would be an octave above and below that of the present orchestra.

## NEW STUDENTS TO WITNESS PROGRAM OF VARIED TYPES

Moving Pictures of Institute  
Life Will be Feature of  
Entertainment

FREE DINNER AT 6:15

Final plans for the All-Technology smoker, to be held in Walker Memorial next Friday evening are rapidly nearing completion. The program and entertainment for the annual event are being arranged for and the committee is endeavoring to secure several special features.

Last spring moving pictures of the Institute faculty members and activities were taken and they will be shown to the students for the first time next Friday evening. The pictures include scenes of campus life such as Field day, track meets, crew races and undergraduate activities. While the new students were at the freshman camp last week-end, pictures of the camp life were taken and these will also be shown, in addition to the Technology scenes.

Awards To Be Made  
Free smokes will be distributed to all the men present and during the program several awards will be made. The Technique Cup, which is given to the track man who is still attending the Institute and who, gathered the largest number of points in the track meets last year will be presented. The Swartz medal, which is annually presented to the man who is adjudged the best athletic manager for the past year will be given at that time. It is never known who is to get these  
(Continued on Page four)

## INSTITUTE PUTS OUT OFFICIAL BULLETIN

Project Sponsored by Dr. Stratton  
and Directed by Faculty

An Official Bulletin of important events at Technology as announced by the various heads of Courses and other officials at the Institute will be printed in THE TECH from now on in every Monday issue. This action was suggested late last term by Dr. Samuel W. Stratton, and plans for the bulletin were detailed to Colonel Harold E. Cloke, Personnel Director of the Institute, Joseph C. McKinnon, Registrar, and Alynne L. Merrill, Secretary of the Faculty. All arrangements have been completed, and the first Bulletin appears on Page four of this issue.

The purpose of this bulletin is to insure an adequate amount of publicity for all official functions at the Institute. It will also give the various professors and officials at Technology a methodical and certain method of making whatever notices they may desire to serve on either the faculty or students.

At present the general plan of operation of this project is for those desiring to have notices published to send in their material to the Committee in charge of the Bulletin. These assemble all the material, work it up into standard form, and forward it to THE TECH for publication.

## CALENDAR

Monday, Oct. 1  
5:00—Musical Club Mass Meeting Room 5-320  
7:00—Meeting of Glee Club, Room 2-190.  
Tuesday, Oct. 2  
5:00—Meeting of men who play saxophones, guitars and mandolins, North Hall, Walker.

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### YOUR MONEY'S WORTH

SOME day there may be inculcated in the minds of the students the world over the idea that the professors in their schools are there to help their students learn. With the increasing acceptance of modern educational thought, "the old order changeth". No longer is the master the ruler—no longer does he pound into the heads of his proteges a meaningless jumble of useless facts. In course after course we hear, "We don't care if you know all these formulas—what we want is that you may be able to apply these principles to the problems you will meet later in life." The student is now put on his own, and the professor's function is to guide his thought in the proper channels.

It is hard for the newcomer to Technology to grasp the full significance of the roles of professor and student here. The student may come from a large high school where no attempt was made to overcome the difficulty in such a system of intimate personal contact; perhaps, while he may come from a small prep school where the professors knew each man's problems, the student does not see how a similar situation would be possible at so large an institution as this.

But, freshmen, the professors are only too glad to have you bring them your problems. That's why on many of their offices they have added the legend "Enter" or "Come in without knocking." They want to help you—their prime motive in life is anything but flunking as many students as possible. If present plans are carried out, the professors' schedule next term will be such that no one of them will have two different classes in succession. This comes as a result of the Institute's highly commendable desire to provide time after each class when the men may gather around the instructor's desk, and bring up problems which the hour's work may have suggested, or to discuss personally some point that is not quite clear.

It's up to you, though! As you go on in your years at the Institute, you will see more and more how your success is a function of your own effort. In many courses, no specified work is assigned. Whether a man gets anything from them is purely his own responsibility. But with the wealth of opportunity afforded for the asking, chances for first hand knowledge of industrial problems, and for contact with men who have international fame in their respective fields, a man is a complete fool if he does not avail himself if it to make the most of his work here.

Many of the professors, in calling the roll for the first time, ask that the men raise their hands when they answer, that they may start to recognize the faces. That's the idea—they want to know you, and are much pleased if you reciprocate. Why not do it? Get all the help you can from them, but—remember that it is YOU who are to decide what your expenditure of time and money here will really benefit you.

### PRIMEVAL METHODS

TECHNOLOGY is exceeding slow to change many of its systems, even long after other institutions have cast them aside as worthless. Tech Night, and its hangover, the pre-Field Day mob scenes, are examples of the primitive instincts that Institute men have cherished without sensing their dangers and utter uselessness.

Possibly the last of these aboriginal systems is that of fraternity rushing. That undergraduates realize the antiquity of our present rushing is well shown by past efforts to reorganize the methods, however little success they may have had. Yet the new systems have worked and worked well elsewhere; is Technology incapable of such improvement?

We do not say that there is no good to be found in early cut-throat rushing of the freshmen, for wearing as it is on rushers and rushees alike, it gives many of the new men a hearty welcome to Technology, and in no way interferes with studies. But is the enormous waste of money and time worth it all? An expense of from five to fifteen dollars per man together with an extra two weeks' board and room rent is no little sum when it involves some twenty-seven different chapters.

It is impossible for the ideas of three or four men to reflect those of the entire school. Hence we should welcome letters from all who feel strongly on this subject, whether pro or con. Do you say "Down with the cut-throat methods!" or "Let well enough alone?" The Open Forum column could not be more open to you.

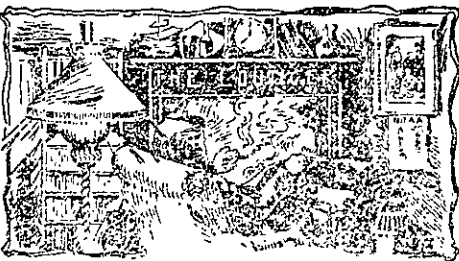
## Flying Corporation Secretary Says Air Solves Business Need

Former M.I.T. Student Now With Skyways, Inc., Tells of Aviation Progress

"Speed and safety have become the bywords of the world, and the airplane is the answer to these demands of business. If the world is not taking to the air, the remarkable strides in commercial aviation in recent years is at least convincing proof that cold, matter-of-fact business places great confidence in the airplane as a solution for its problems. This is the belief of Oleott S. Payson ex-'29, who is now secretary of Skyways, Inc., a thriving corporation of which Andrew I. Ivanoff, who was also of the class of '29, is president. That students at Technology are following this trend of business is shown by the fact that there are 224 now registered in the course in Aeronautical Engineering, of which 95 are freshmen. About 42% then of these embryo aviation experts are from the Class of 1932.

**Expense Is Insignificant**  
In speaking of the prospects for success of commercial aviation, Mr. Payson enumerated a number of reasons for the acceptance by business men of this rapid means of transportation. An official of a company wishes to be in a distant town on short notice. Waiting for trains is out of the question; the airplane lands him at his destination in plenty of time, and the contract is made, or the important conference is attended. The actual cost of such a flight has been steadily decreasing due to the increase in general efficiency of planes, and when one considers the value of the time saved, and also that a contract may amount to millions of dollars, the extra expense is nothing.

The increase in size of freight and express planes has made possible the transportation of immense loads of merchandise. If someone had prophesied years ago that carloads of freight would be sent across country, with very few stops, at a speed of 90 miles per hour, he would have been thought crazy, but at present there seems no limit to the possibilities in this field. Even the smaller



XXX Newbury St.  
Boston, Mass.  
Sept. 29, 1928.

The Lounger; to himself in person,  
Dear Sir:

I was highly gratified to see my last letter in print in your column, and I am surprised that the many big activity men about school will let a mere slip of a girl put it over on them, so to speak. I refer to the fact that so far only one other person has written you anything of a sufficiently exalted and clean-minded style to merit its being printed. Whatever in the world is wrong with all the wisecracking bigtimers that infest the Engineering Administration ante-chamber these days? Can it possibly be that they are still too busy straightening out their scholastic difficulties?

No doubt you have been gratified and pleased to an extraordinary degree to discover that there are at last some good-looking co-eds at Tech, and I must confess that I have turned more heads in the last week than in the whole four years I attended Wellesley, not to mention my high school days. And yet I am slightly jealous of the secretaries and stenogs about the place, and I wish to heavens that the instructing staff wouldn't make it so tough for us, as Lord only knows Calculus and Heat Engineering have ruined better men than us. Can't you use your influence to secure the dismissal of all the female employees of the Institute, replacing them with Bryant-Stratton or Burdette graduates? After all, the world of business is a man's world.

In conclusion, I have a slight complaint of a more general nature to register. It has come to my attention that certain of the so-called instructors in English and History have the detestable habit of showing off their past associations with everyday hairy men of the world by resorting occasionally to indecent and profane language. For this reason, and this alone, I have postponed the turning in of a class card for English, preferring, rather, to sort of make the rounds, and find out who the principal offenders might be. Imagine my astonishment when I discovered that fashionable instructing circles have gone 100% South Boston this year. What can a poor girl do?

Very truly yours,  
Tillie the Co-ed

planes are proving invaluable, for by bringing parts or whole machines to outlying factories, they obviate a costly shutting down of the plant, and its ensuing loss of business and good-will.

To the farmer, the plane is a great boon, for with it he is able to get his vast orchards efficiently sprayed in a few hours, while by the old methods it would have taken a big crew of men days to do the job even poorly. Treatment of other crops has also been tried successfully. In the lumbering industry, the airplane has proved itself indispensable. A mere speck in the sky above the vast forests, this new forest ranger patrols his beat, reporting instantaneously by radio any sign of fire, and saving in forest resources hundreds of times the expense of his service.

In saying that at map making, aerial photography has proved remarkably successful, Mr. Payson voices the opinion of many scientific and business projects. Flying back and forth high above a tract of land absolutely inaccessible to humans on the ground, the observer brings back in their reproduction of detail. Perfection of the apparatus used makes

great skill no longer necessary. The individual sections are pieced together quickly; shots taken at an angle give some idea of the elevation. "If some one," said Mr. Payson, "would perfect a method for showing the contour lines accurately, he could command any position or salary he wanted. The thing sounds impossible, but for such an inventor, his fortune would be made."

**Necessity In Relief Work**  
Solely dependent on the airplane were the victims of the terrible floods in Vermont and Massachusetts last spring, and similar instances of relief work are numerous throughout the country. Doctors are able to go into country where their assistance is imperative, but where other means of transportation are impossible.

Mr. Payson, who has done a good deal of flying and has had experience with numerous types of crafts, insists that flying is as safe as any other method of transportation. "Any airplane crash-up is always played up on the front page. As a matter of fact, the steel tubing of the fuselage and generally improved stronger construction of the plane almost certainly protect the pilot, passengers, and freight. Even in the case of an unavoidable crash, the chances are very good that the people in the plane will escape injury. All in all, while the plane may not be the whole solution of business problems, the service it gives is remarkable in its speed and versatility."

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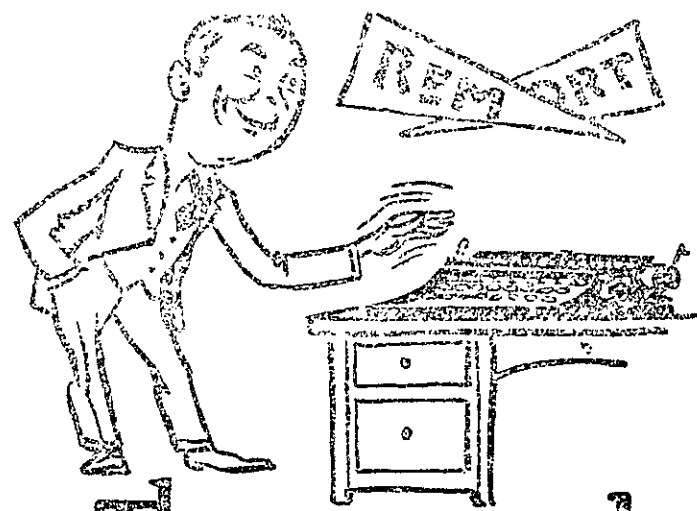
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# HILL AND DALERS HOLD FIRST COURSE WORKOUT

## SOCCKER TEAM MEETS BRADFORD SATURDAY

### Varsity Harriers Make Good Showing Over Five Mile Winchester Course

Captain Worthen, Mitchell, and Herbert Form Nucleus of This Year's Team—Frosh Appear Strong

Technology's Hill and Dalers had their first workout of the season last Saturday afternoon at Winchester. The pack led by Captain Worthen ran the course of about five miles in very good time. Coach Hedlund's squad is hard hit by the loss of Norman McClintock but they still have quite a few veterans of last year's team left, prominent among these being Herbert, Thorsen and Mitchell. This year's team will be built around these men with the gaps to be filled by MacNiff, Albright and Baltzer of last year's freshman team. The remaining places are being closely contested.

Last year the Varsity finished second in the New England Championship and fifth in the Intercollegiates at New York. Coach Hedlund is very optimistic about the team's chances and has strong hopes that they will improve their last year's showing.

**More Frosh Needed**

The Freshmen are not far behind the upper classmen in reporting for practice. Coach Hedlund has had a number of the frosh practicing since the opening of school and is about ready to choose the team. Don Gilman, Hallas, Rogers, Conany and Littlefield have been making good showings in the past practices and they will probably be the nucleus of the Frosh Cross-Country team. More men are needed to complete the squad so all those that can run are strongly urged to come out for the team as soon as possible.

In addition to the harriers a number of freshmen and Sophs have been practicing for the Soph-Frosh relay which will be held on Field Day. The Frosh have been reporting much better than the Sophs so some strong competition is promised in the relays. All men who have any running ability are urged to come out for both teams as there are still about fifteen vacancies.

Private benefactions contribute more financial support to higher education in this country than either government or students.

In figures compiled by the Federal Bureau of Education last year, it was shown that of the total receipts of \$480,000,000 by public and private colleges in the United States, \$168,000,000 was netted from private sources, while the Government furnished only \$116,000,000.

Of these institutions 821 are under private control and 154 are under public control. They represent an investment of \$2,335,000,000. The buildings and equipment are valued at \$1,335,000,000, the remaining \$1,000,000,000 being invested in productive securities.

According to the records, 180 of these colleges teach theology, 136 teach law, 77 teach medicine, and pharmacy and dentistry are next in line. The institutions graduate about 100,000 men and women each year.



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### GYM MASS MEETING IN WALKER TODAY

Captain Fairchild to Explain the Opportunities Offered in Gymnastics

A mass meeting for freshmen and others interested in gym will be held this evening at five o'clock on the top floor of Walker. Anyone interested in gymnastics is urged to come up as no experience is necessary for men who are interested in the sport. Several of the men on last year's squad had no previous experience before they came up to the gym.

**Veterans Practicing Daily**

Most of the regulars are beginning to get their old form back again to the tune of stiff legs, sore ankles, and arms, but in a few weeks it will be nothing unusual to see men doing giants and kips on the high bar as well as if they had never stopped practicing. The tumblers have been doing quite a bit of mat dusting lately, but before long they will be doing round-off flips, sommies, back sommies and will start perfecting their series.

Work on the other pieces of apparatus has been going on smoothly and the team expects some nine inch standard rings to replace the smaller ones within the next few days. These will help the men on this piece of apparatus and by the time of the first meet they will be accustomed to the use of larger rings. With all of the regulars back and several new recruits out, the team is getting well under way and ought to be in tip top shape by the time of the first meet.

Harvard will sponsor an inter-collegiate cross-country race this fall over the Charles river course, for which Dennis F. O'Connell, '21, has donated a trophy. The race will be held Nov. 22, and will be open to all college harrier teams. The cup will be awarded to the team making the best score. The crimson athletic authorities expect to make the race an unusual affair, and invitations to take part will be issued to all the colleges in the East.

### Soccer Team Will Open Season With Bradford Durfee

Varsity Defeats Frosh 6-4 in Fast Scrimmage Saturday Afternoon

In a fast soccer scrimmage yesterday afternoon the varsity defeated the freshmen 6-4. This was the first scrimmage of the season and considering the fact that the men have only been out for about three days they showed up very well. Two varsity backs played with the freshman, but the freshmen themselves did some nifty playing.

All of the regulars with the exception of Delahanty have reported for work, and from the looks of the practice yesterday, the Engineers shouldn't have much trouble in defeating Bradford Durfee this Saturday. Several new men were out and some of them look good, in fact Coach Welch thinks that some of the regulars are going to have a rather hard job keeping their positions this fall.

**FAY or Hawkins Will Lead Team**

Marshall Fay and Scott Hawkins were nominated for captain in order to fill the vacancy caused by the loss of Mong who will not be back this year. The election will not be held until just before the Bradford Durfee game on Saturday.

Saunders, a center forward, is among the more promising of the new men this year. He showed up exceptionally well in the scrimmage yesterday and stands a good chance of getting into Saturday's game. Two Japanese players, Kasha and Kashensanta also look promising as they have shown considerable speed and can handle the ball with ease. These three men will help a good deal in filling up the forward positions which looked rather weak at the beginning of practice.

Kim, a Chinese student, is a very promising back and gives every promise of giving the regulars a good run for one of these positions. Wyman will in all probability hold down his position as goalie again this year as he was up to his old form in the game yesterday afternoon.

**Team Is Strong On Defense**

Another scrimmage is scheduled for Wednesday afternoon and in the

meantime the work will consist of ironing out minor defects as well as getting a passing combination organized. The defense this year ought to be strong as nearly all of the men are veterans, but there will be several new forwards in the line-up Saturday; a good deal of this week's work will therefore be spent in organizing a strong offense.

There are about fifteen freshmen out and these men are giving the regulars quite a battle in the scrimmages. It is expected that a freshman team will be organized and that they will play some of the neighboring schools this fall. Coach Welch is very optimistic and thinks that both the Freshmen and the Varsity will have winning teams.

### ANNUAL TOURNAMENT STARTS NEXT WEEK

Large Number of Experienced Men Will Compete

The Annual Fall Tennis Tournament will start with a bang this year and keener competition than ever is expected. The list now up in the main lobby will be up till Friday, and on Saturday the rules for the tournament will be posted. Monday of next week has been set for the start of the first round, and the whole tournament will probably take four weeks. It is hoped that the tournament will be over before cold weather, so all participants are urged to play their matches as soon as possible. The concrete courts have been made available to the contestants in their play-off matches.

**Kuki Will Compete**

All of last year's semi-finalists are expected back; in addition last year's captain, Kuki. Among those contesting, Dance, Huang, and Cook are expected to shine, but a very lively contest is looked for as a great many new experienced men are to participate. This is a great opportunity for freshmen to get a good standing in the spring ladder to determine the freshman team, and all freshmen are urged to sign up for the tournament on the bulletin board in the main lobby.

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### Freshmen Have Won Field Day Only Six Times in 27 Years

SCORES			
Year	Class of	Results	
1901.....	'04 vs. '05.....	'05-6	.....'04-3
1902.....	'05 vs. '06.....	'05-7	.....'06-2
1903.....	'06 vs. '07.....	'06-9	.....'07-0
1904.....	'07 vs. '08.....	'07-5 1/2	.....'08-3 1/2
1905.....	'08 vs. '09.....	'08-5	.....'09-4
1906.....	'09 vs. '10.....	'09-5	.....'10-4
1907.....	'10 vs. '11.....	'10-9	.....'11-0
1908.....	'11 vs. '12.....	'12-6	.....'11-3
1909.....	'12 vs. '13.....	'13-6	.....'12-3
1910.....	'13 vs. '14.....	'13-9	.....'14-0
1911.....	'14 vs. '15.....	'15-6	.....'14-3
1912.....	'15 vs. '16.....	'15-9	.....'16-0
1913.....	'16 vs. '17.....	'16-5	.....'17-4
1914.....	'17 vs. '18.....	'18-6	.....'17-4
1915.....	'18 vs. '19.....	'18-9	.....'19-0
1916.....	'19 vs. '20.....	'20-6	.....'19-3
1917.....	'20 vs. '21.....	'20-6	.....'21-3
1918.....	'21 vs. '22.....	'21-11	.....'22-2
1919.....	'22 vs. '23.....	'22-13	.....'23-0
1920.....	'23 vs. '24.....	'23-13	.....'24-0
1921.....	'24 vs. '25.....	'24-9	.....'25-4
1922.....	'25 vs. '26.....	'25-11	.....'26-2
1923.....	'26 vs. '27.....	'26-10 1/2	.....'27-2 1/2
1924.....	'27 vs. '28.....	'27-13	.....'28-0
1925.....	'28 vs. '29.....	'28-13	.....'29-0
1926.....	'29 vs. '30.....	'29-8 1/2	.....'30-4 1/2
1927.....	'30 vs. '31.....	'30-8	.....'31-5

**RECORDS**

Football, 25-0. Made in 1920 by '23 vs. '24.

Tug-of-War, 15 2-5 seconds. Made in 1916 by '19 vs. '20.

Relay Race, 4 min. 48 seconds. Made in 1918 by '21 vs. '22.

Crew Race, 5 min. 25 2-5 seconds. Made in 1923 by '26 vs. '27.

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**HANDBOOK CHANGES**

Since the Handbook went to the printers in July, the following changes should be made in the fraternity list contained in it:

Phi Lambda Alpha, 204 Bay State road, Boston, Mass.

Phi Mu Delta, 330 Bay State road, Boston, Mass.

Sigma Alpha Mu, 338 Bay State road, Boston, Mass.

Sigma Omega Psi, 405 Newbury street, Boston, Mass. Tel. Copley 2574-M.

**WANTED**

Men to sell THE TECH on Mondays, Wednesdays, and Fridays, from 9:00 to 12:00. Apply: Business Office, THE TECH, 303 Walker Memorial.

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Gentlemen:

While in Banff, Alberta, in 1909, I climbed Tunnel Mountain. On top of this mountain there is a cairn of stones where tourists leave their cards with remarks about the scenery, etc. Not having a card with me, I left a tin of Edgeworth Sliced, scribbled my name and address on a piece of paper, and said, "Have a fill on me."

I have kept up a haphazard correspondence with one of three who wrote me thanking me for the Pipeful of Edgeworth. What makes me write you is that today from Australia I received two slices of Edgeworth with the words, "Have a fill on me," so you see Edgeworth keeps friends friendly.

Yours sincerely,  
P. B. Johnstone

**Edgeworth**

Extra High Grade Smoking Tobacco

**SMOKER PROGRAM WILL BE VARIED**

**Prizes Will Be Given To Those Who Hold Lucky Numbers**

(Continued from Page One)

awards until they are presented at the Smoker.

Freshmen and transfers will meet in front of Walker Memorial at 6:30 Friday evening at which time they will be given a free dinner in the Dining Room. Immediately following the banquet there will be three speakers to describe the various Institute activities to the men. One man will speak of the publications, one of athletics, and the third of Tech Show and the Musical Clubs.

At 7:30 all of the undergraduates will be admitted. Only the freshmen and transfers are eligible to the free meal while the other students will be present at the program following the dinner. Tickets for the gratis dinner must be obtained by the first year men and transfers this week before they will be admitted. These tickets may be secured in the Main Lobby of the Institute any time Wednesday, Thursday, and Friday of this week.

**Prizes To Be Raffle**

Every man as he enters Walker Memorial will be given a raffle ticket which entitles him the opportunity of winning one of the prizes which will be raffled off at the end of the evenings program. These prizes have been donated by the various activities of the Institute and the committee has been successful in securing more prizes for the raffle than ever before.

After the dinner speeches the students will gather in the gymnasium where a varied program of sports will be presented. The Varsity Gym team will go through a series of gymnastics which will be followed by several wrestling and boxing bouts in which members of the Varsity Wrestling and Boxing teams will participate. The sports program will end with cheers and songs by the undergraduates.

**Vaudeville Acts On Program**

Last year vaudeville acts which were presented at the smoker made a big hit and the committee plans to put on a similar program this year. It is not yet known what acts will be presented but several specialty acts will be featured in the evenings performance.

Fisher Hills, '29 is chairman of this years All-Technology Smoker. The others who will serve on the Committee are Bernard B. Brockleman, '29, treasurer; Hunter Rouse, '29, publicity manager; Osald V. Karas, '29, in charge of entertainment; Amassa G. Smith, '29 in charge of refreshments; Earl Glen, '29 in charge of program; Lewis R. Aldrich, Jr., '29, in charge of speakers; Benjamin Proctor, '29; John B. Osborn, '29 Clarence E. Worthen, Jr., '29, and Clarence W. Denny, Jr., '29, assistants to chairman.

**Opportunities On THE TECH Shown At Mass Meeting**

**Attendance Shows interest Of Freshmen In Newspaper**

(Continued from Page One)

contact with during his work, and of the training offered to the students. The English Department has offered to give theme credit on articles written and published by the candidates and writers of THE TECH.

Mr. William C. Greene, Jr., of the English Department then explained something of the attitude of the Department toward the reporters of the paper. He stated that there would be more cooperation this year than ever before.

Arthur C. Pforzheimer, '29 Business Manager, was then called upon to describe the working of the business end of the tri-weekly.

After the addresses, the meeting was divided into two sections, those interested in the features, news and sports departments, and those interested in the business departments, where questions were answered and a more detailed description of the separate departments was given.

Regular competition for the different departments will begin with the Wednesday issue. Any men who failed to attend the meeting but who are interested in coming out for the publication are invited to report to the News Room in the basement of Walker Memorial on Tuesday afternoon between 3 and 5 o'clock. All candidates should report at that time.

**WALKER MEMORIAL BETTERS SERVICE**

**New Arrangement, New Equipment Gives Greater Efficiency in Dining Room**

**Free Meal for Freshmen**

Walker Memorial's Dining Room has bettered the service of meals this year in many ways. The variety of the selections has been increased in the morning and evening meals and more rapid service has been secured by more efficient arrangement of the food, especially the grouping of the specials. New equipment in the kitchen relieves the strain at the rush hour's and at present 2000 meals are being served daily.

A heavy social season is expected in the dining room this year. The encouraging patronage of the various activities will number about 10 dinners and dances per week. One important event on Friday October 5 is the All Tech Smoker in which all the Freshman will get a free dinner as well as a brisk entertainment. The upper classman will get the latter, but they shall purchase their own supper. Here is one instance where the Freshmen are bound to come out on top.

Following are the amounts of food consumed weekly at the dining hall:

Vegetables (mixed).....	2 tons
Sugar .....	1 ton
Potatoes .....	7500 lbs.
Beef .....	1500 lbs.
Pork .....	1000 lbs.
Lamb .....	1000 lbs.
Veal .....	500 lbs.
Fish .....	700 lbs.
Rolls .....	1000 doz.
Bread .....	500 loaves
Milk .....	3000 qts.
Cream .....	500 qts.
Butter .....	400 lbs.
Coffee .....	100 lbs.

**DORM COMMITTEE TO HOLD FIRST MEETING**

The Dormitory Committee will hold its first meeting of the year in the Dormitory Committee room in the basement of Crafts this evening at 7 o'clock in order to formulate plans for the year.

Much work confronts the dormitory men. Since the four new units are still without representation on this committee it will be necessary to arrange for the election of these men at a early date. Arrangements must be made for the annual dormitory smoker and entertainment which will be held about two weeks after the All-Technology Smoker, and for the dorm dances which are held about once a month.

**THE TECH COMPETITION**

Competition for the different departments of THE TECH will begin with the Wednesday's issue. All candidates who did not attend the mass meeting on Friday should report to the News Room in the basement of Walker Memorial between 3 and 5 o'clock tomorrow afternoon. Men who have signed up for the features, news, or sports departments should report to the News Room at the same time.

**OFFICIAL BULLETIN**

**MILITARY SCIENCE**

The following assignment of rooms for MS11 is announced:

Band .....	Room 3-270
"A" Company.....	" 4-370
"B" Company.....	" 2-190
"C" Company.....	" 4-270
"D" Company.....	" 3-470
"E" Company.....	" 1-190

In case of inclement weather, notice will be posted on the R. O. T. C. Bulletin Board opposite the Information Office, and the formation will be at 4.05 p.m. without arms, in the rooms designated.

All formations of the band will be in room 3-270 on Mondays, Wednesdays and Fridays at 4 p.m., until further notice.

Major Robert C. Eddy.

**HYGIENE**

Members of the freshmen class who wish to substitute a sport for the Physical Training classes must sign up in Mr. McCarthy's office, room 335, Walker Memorial.

The following sports may be substituted:

Track, Crew, Basket-ball, Swimming, Boxing, Wrestling, Fencing and Gym Team

Signups may be made from Wednesday, October 3 to 12.00 o'clock on Monday, October 22.

H. P. McCarthy.

**FACULTY CLUB**

The Fall Dinner meeting will be at the Twentieth Century Club, Wednesday, October 10, at 6.30 p.m. Accounts of summer travel and experiences will be given by Professors Norris, Terzaghi and H. W. Tyler.

Members of the Staff and the Corporation, resident Alumni and Graduate Students who are Candidates for the Doctor's degree are invited.

H. W. Tyler.

**MINING DEPARTMENT**

Professor Hutchinson, the Head of the Department of Mining and Metallurgy, has been given a leave of absence for the first term in order to make a professional trip to Chile. He expects to return some time in January. During his absence, Dr. R. S. Williams is serving as Acting Department Head.

C. E. Locke.

**FRESHMEN PREPARE FOR ANNUAL BATTLE**

**Mass Action Is Determining Factor In Class Success**

(Continued from page one)

may be well to repeat the warnings issued last year. No parades, fights, or other outbreaks are to take place off the Institute grounds, nor is any property damage to be permitted as the result of those fracasces which occur around the campus. Any student who assaults another student, on any day other than Field Day need not plead class spirit or class rivalry as an excuse. It is expected that all mass engagements will be held between the hours of noon and five o'clock, on the afternoon of Field Day, for which purpose classes are suspended annually by the Faculty, at noon of the fateful day.

**NOTICES**

There are a number of blotters still left, and any one who has not yet obtained one may do so by calling at the rear office of the Technology Christian Association. Blotters will be distributed until the supply is exhausted.

**Freshmen Misinterpret Section Assignments**

Indications point to a freshman class that sadly needs the recently deleted "intelligence test" formerly required of all men entering the Institute via the College Board Examination route. It seems that Professor Arthur A. Blanchard '98 handed around a little card for his freshman Chemistry class to fill out, and one of the blank spaces on the card was headed "sect.," referring, of course, to the student's section number. Imagine his astonishment on compiling the data he received, when he discovered that one of his shining lights had classified his "sect." as "male," while another had listed his religious affiliation. More power to the intelligence test.

**NOTICE**

All Sophomores interested in class football should report on the football field Monday afternoon, Oct. 1. Do not let the question equipment prevent you from reporting.

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